FIG. 1

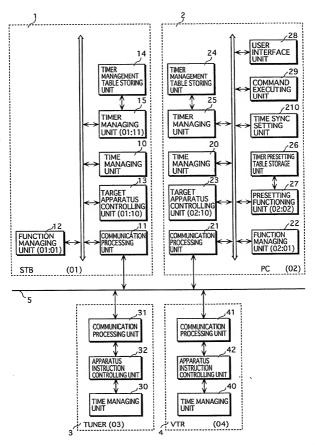


FIG. 2

	SYNCFLAG	TA. A OFF	TA. B ON	•
TIMER MANAGEMENT TABLE	SYNCFLAG	BROADCASTING STA. A	BROADCASTING STA. B	:
TIMER MAN	IP ADDRESS	(10:00:00:00)	(20:00:00:00)	•
	TIMER ID	(01:01)	(03:01)	:

FIG. 3

	TIMER	TIMER MANAGEMENT TABLE	
TIMER ID	IP ADDRESS	SYNC OBJECT	SYNC FLAG
(10.00)	(30:00:00:00)	BROADCASTING STA. C	OFF
(10:50)	(40:00:00:00)	BROADCASTING STA. D	S
(02:02)	(20:00:00:00)	BROADCASTING STA. E	OFF
(04:01)	NONE	NONE	OFF

FIG. 4

	- 1	_	TIMER PRESETTING TABLE	ING TABLE	
STAR	_	TIME	START TIME STOP TIME	START COMMAND	STOP COMMAND
3/20 21:00:00			3/20 23:00:00	(01:10)::Play,5CH (02:10)::Rec	(01:10)::Stop, (02:10)::Stop
			:	:	

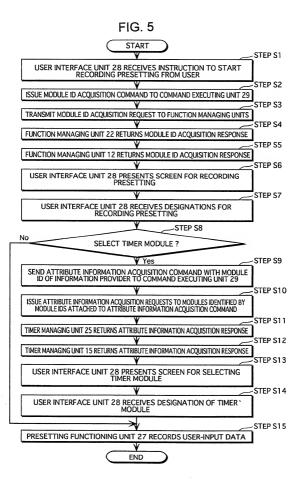


FIG. 6

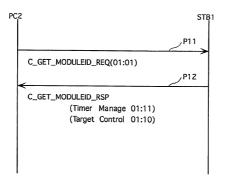
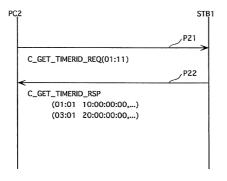


FIG. 7



## FIG. 8 START STEP S21 PRESETTING FUNCTIONING UNIT 27 TRANSMITS CURRENT TIME ACQUISITION REQUEST "C ..." TO TARGET APPARATUS CONTROLLING UNIT 13 STEP S22 TARGET APPARATUS CONTROLLING UNIT 13 TRANSMITS CURRENT TIME ACQUISITION REQUEST "T ..." TO TUNER 3 STEP S23 APPARATUS INSTRUCTION CONTROLLING UNIT 32 ACQUIRES CURRENT TIME FROM TIME MANAGING UNIT 30 AND RETURNS CURRENT TIME ACQUISITION RESPONSE "T ... STEP S24 TARGET APPARATUS CONTROLLING UNIT 13 TRANSMITS CURRENT TIME ACQUISITION RESPONSE "C ..." TO PRESETTING FUNCTIONING UNIT 27 STEP S25 No CURRENT TIME MATCHES START TIME ? STEP S26 PRESETTING FUNCTIONING UNIT 27 TRANSMITS START REQUEST "C ..." TO TARGET APPARATUS CONTROLLING UNIT 13, TRANSMITS START REQUEST "T ..." TO VTR 4 STFP S27 TARGET APPARATUS CONTROLLING UNIT 13 TRANSMITS START REQUEST "T ..." TO TUNER 3 STEP S28 TUNER 3 RETURNS START RESPONSE "T ..." TO TARGET APPARATUS CONTROLLING UNIT 13 STEP S29 TARGET APPARATUS CONTROLLING UNIT 13 TRANSMITS START RESPONSE "C ..." TO PRESETTING FUNCTIONING UNIT 27 STEP S30 VTR 4 STARTS RECORDING, AND TRANSMITS START RESPONSE "T ..." TO PRESETTING FUNCTIONING UNIT 27 STEP S31 No CURRENT TIME MATCHES STOP TIME ? V Yes -STEP S32 PRESETTING FUNCTIONING UNIT 27 TRANSMITS STOP REQUEST "C ..." TO TARGET APPARATUS CONTROLLING UNIT 13, TRANSMITS STOP REQUEST "T ..." TO VTR 4 STEP S33 TARGET APPARATUS CONTROLLING UNIT 13 TRANSMITS STOP REQUEST "T ..." TO TUNER 3 STEP S34 APPARATUS INSTRUCTION CONTROLLING UNIT 32 STOPS RECEIVING TV PROGRAM, AND TRANSMITS STOP RESPONSE "T ..." TO TARGET APPARATUS CONTROLLING UNIT 13 STEP S35 TARGET APPARATUS CONTROLLING UNIT 13 TRANSMITS STOP

RESPONSE "C ..." TO PRESETTING FUNCTIONING UNIT 27

VTR 4 STOPS RECORDING, AND TRANSMITS STOP RESPONSE "T ..." TO PRESETTING FUNCTIONING UNIT 27

STFP S36

FIG. 9

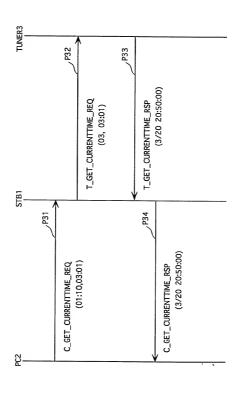


FIG. 10

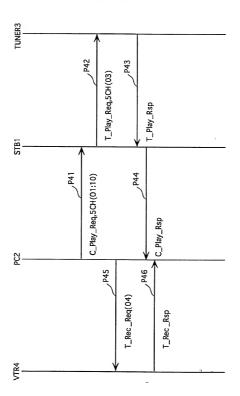
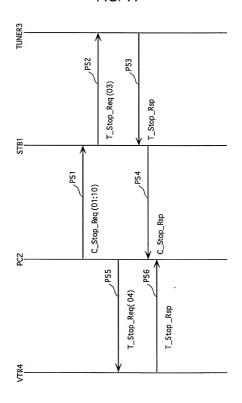


FIG. 11



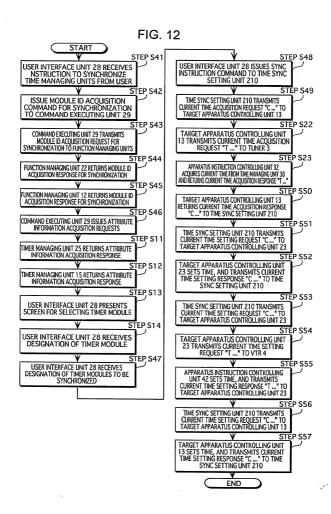


FIG. 13

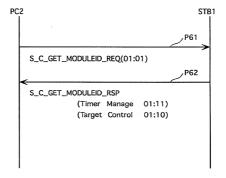


FIG. 14

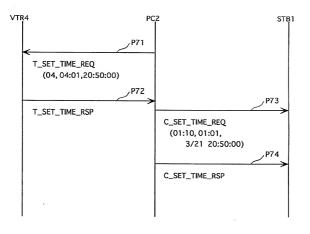


FIG. 15

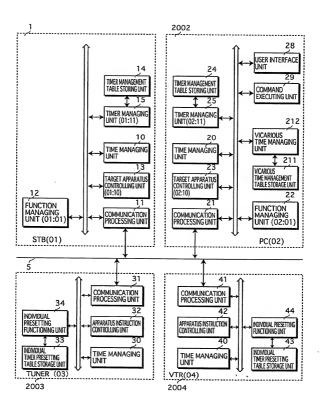


FIG. 16

MARK	SOURCE INFORMATION
А	clock.osaka-u.ac.jp
В	http://www.time.ne.jp
С	CS5CH
D	02:01

		VIQNI	IDUAL TIMER F	INDIVIDUAL TIMER PRESETTING TABLE	503
MARK	MODULE ID	MODULE ID START TIME STOP TIME	STOP TIME	START EVENT	STOP EVENT
В	(02:12)	3/20	3/20	Play,5CH	Stop
:	:	:	:		

		NDN	IDUAL TIMER	INDIVIDUAL TIMER PRESETTING TABLE	
MARK	MODULE ID	MODULE ID START TIME STOP TIME	STOP TIME	START EVENT	STOP EVENT
æ	(02:12)	3/20 21:00:00	3/20	Rec	Stop
•	:	:	:		

FIG. 17B

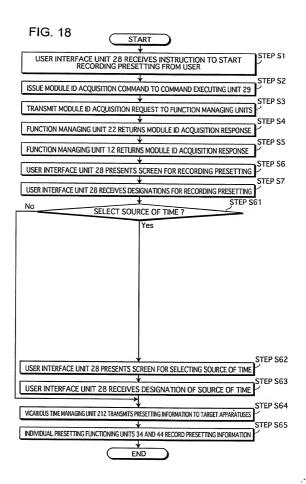


FIG. 19

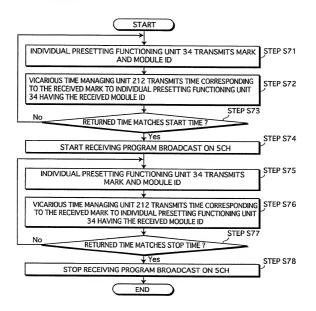
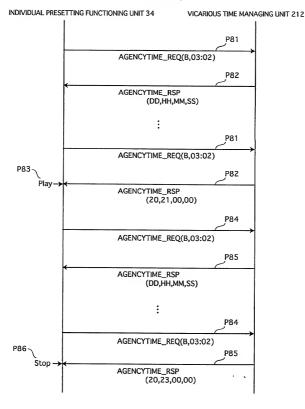


FIG. 20



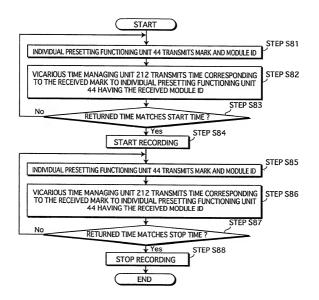


FIG. 21

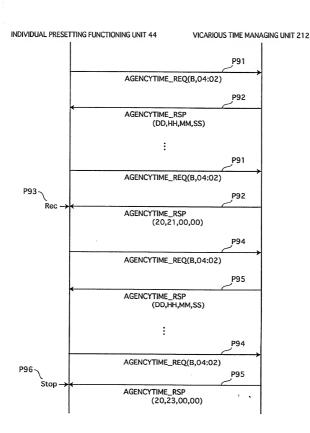
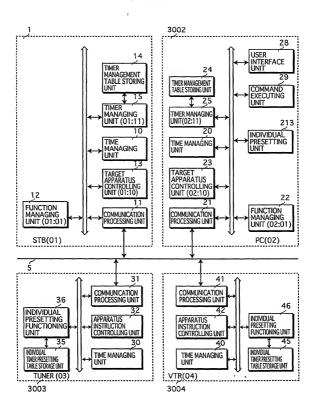


FIG. 22

FIG. 23



TIME DIFFERENCE START TIME STOP TIME START EVENT STOP EVENT   3/20 3/20 3/20 Play,5CH Stop	•	:	:	:	•
START EVENT	Stop	Рау,5СН	3/20 23:00:00	3/20 21:00:00	03:12:55
	STOP EVENT	START EVENT	STOP TIME	START TIME	TIME DIFFERENCE

FIG. 24A

TIME DIFF
24B
<u>ত</u>

	QN	IVIDUAL TIME	INDIVIDUAL TIMER PRESETTING TABLE	
TIME DIFFERENCE START TIME STOP TIME	START TIME	STOP TIME	START EVENT	STOP EVENT
-01:25:12	3/20	3/20 23:00:00	Rec	Stop
:	:	•	• • • • • • • • • • • • • • • • • • • •	•

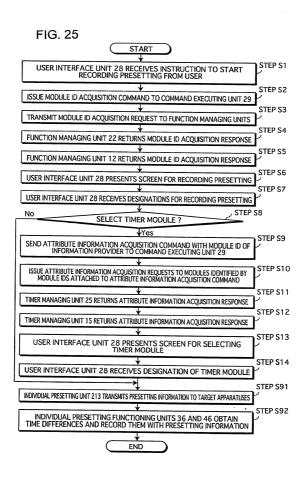
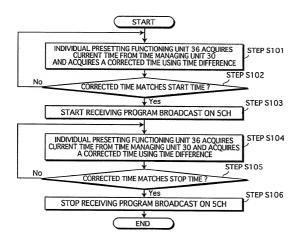


FIG. 26



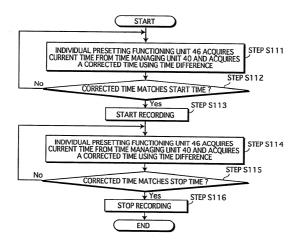
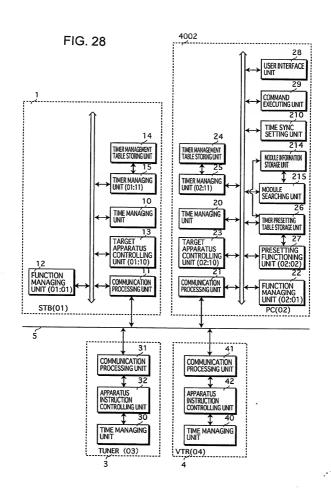


FIG. 27



	RECORDING-SIDE MODULE		
EEN	CHANNEL NO. STANDARD TIME START TIME STOP TIME RECENNESIDE MODULE RECREDINGSIDE MODULE		
SETTING SCR	STOP TIME	3/20	[ <u>#</u>
RECORDING PRESETTING SCREEN	START TIME	3/20 3/20 21:00:00 23:00:00	ENTER
REC	STANDARD TIME SELECTION	BROODCASTNG STATOWA RECOUNCESTATION A RECOUNCESTATION RECOUNCE	
	CHANNEL NO.	SCH	

STANDARD TIME START TIME STOP TIME RECEIVING-SIDE MODULE RECORDING-SIDE MODULE RECORDING PRESETTING SCREEN 3/20 3/20 21:00:00 23:00:00 BROADCASTING STATION B CHANNEL NO. SCH

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IS IT OK TO USE STANDARD TIME OF BROADCASTING STATION B? Yes

FIG. 29B

FIG. 29A

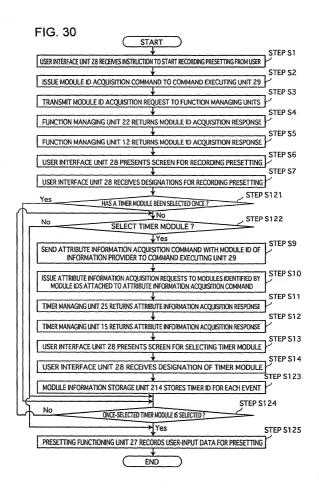


FIG. 31

